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[Continued on next page]

(54) Title: **HAND HELD PRINTER CORRELATED TO FILL-OUT TRANSITION PRINT AREAS**



(57) **Abstract:** The invention relates to a hand-held and hand-operated printing device having a print head (2) assembly comprised in a housing (1) for a hand-held and hand-operated printing controlled by a processor (4), and a method therefore. The position of the printing device on a print medium is sensed in relation to pixels to be printed. An image is stored in a memory together with its mutual image pixel coordinate data. Image pixels are printed onto the print medium through nozzles (12) in a print-head array (60) in accordance with the pixel coordinate data during a printing sequence. The image is built-up through sectional printing whereby each section has at least one print area interfacing at least one other print area, said interfacing print areas being correlated to fill-out transition print areas during printing of said sections through at least one transition printing pattern by omitting printing of some pixels in said transition print area.

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